

## **ABSTRACT OF THE DISCLOSURE**

The fuel cell system has a combustion device (1, 24) with an exhaust gas line (3) for discharge of exhaust gas (7, 34), a reformer (20) for converting a fuel (6, 31) to a hydrogen-enriched fluid (35), a fuel cell unit (23) operating to produce  
5 electrical power from the hydrogen-enriched fluid (35) and air and a heat exchanger (2,WT1) arranged in the exhaust gas line (3). The heat exchanger (2, WT1) delivers heat of the exhaust gas (7, 34) to a heated fluid (32) for the reformer (20) and/or an operating substance (29, 30, 31) of the reformer (20).